

Special Issue

Vaccine Strategies to Prevent Community-Acquired Pneumonia

Message from the Guest Editors

Community-acquired respiratory infections are defined as respiratory infections that are acquired outside the hospital. Healthcare systems are currently facing several treatment challenges based on the increasing occurrence of antibiotic-resistant strains and the high rates of recurrent infections occurring. Influenza causes seasonal outbreaks globally, while pneumococcus is still the most frequent causative pneumonia pathogen. The use of currently widely available influenza and pneumococcal vaccines has remained suboptimal. Strategies to prevent community-acquired respiratory infections need further improvement. These include the development of new and improved vaccines, improved environmental control, the accurate and immediate diagnosis, timely and appropriate therapy, and new approaches such as hospital-based immunization. Targeted strategies should consider patient groups with risk factors like advanced age, chronic lung disease, cardiovascular disease, diabetes mellitus, malnutrition, immunocompromising conditions, smoking, and excessive alcohol consumption. We invite researchers working on this field to submit their work to this Special Issue by August 2024.

Guest Editors

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Deadline for manuscript submissions

closed (28 February 2026)



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About the Journal

Message from the Editor-in-Chief

Vaccines (ISSN 2076-393X), founded in 2013, now has a firm history of publishing peer-reviewed, state-of-the-art research papers on vaccines and vaccination in the broadest sense. Areas covered include, but are not limited to, novel and emerging vaccine technologies, building on in-depth knowledge of what constitutes a protective immune response. These can be new vaccines for old diseases, or old vaccines for new diseases. Vaccines against cancer and autoimmune diseases explicitly are also within the scope of the journal. Because public opinion and even government policies towards vaccines and vaccination have changed, vaccine policy and public health issues are major concerns. Climate change will also have an impact on the spread of infectious diseases, and thus also on vaccine and vaccination policies worldwide.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.1 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).